

Do Not Enter under 173

transceiver for communicating on the cellular network, a computer separate from the digital controller, the computer operating to control access to the cellular telephone network and for originating and receiving data and an interface for providing a data path between the computer and the radio transceiver, the interface containing a modem for modulating and demodulating data signals for transmission on the cellular telephone network, [a controller for controlling access to the cellular telephone network, and] the interface including parallel signal lines between the [controller] computer and the radio transceiver including at least a transmit signal line, a receive signal line, and a control line, whereby data are communicated between the computer in the vehicle and a fixed station over the cellular network.

44. (Amended) A vehicle mobile computer communications system comprising:

a radio transceiver means for communicating over a cellular telephone network;

a digital controller for generating control signals including network access signals for controlling the operation of the radio transceiver;

a computer means separate from the digital controller for running at least one application program providing and receiving data;

an interface means disposed between said computer means and said radio transceiver means, said interface means containing a modem and [a controller, said controller accessing said radio transceiver means through] parallel signal lines including at least a transmit line, a receive line and plurality of control lines;

said interface means transferring data from said application program in said computer means to said radio transceiver means for transmission over said cellular telephone network and transferring received data from said radio transceiver means to said application in said computer means.

45. (Amended) The vehicle mobile computer communications system of claim 44 wherein said [controller in said interface means] computer means inserts error correction bits into said data.

48. (Amended) A cellular telephone data communication system for communicating data over a cellular telephone system between a fixed station and a mobile station comprising:

at least one mobile radio transceiver having a digital controller for generating control signals including network access signals for controlling the operation of the radio transceiver, said mobile radio transceiver being coupled to a [microprocessor] computer separate from said digital controller, said mobile radio transceiver capable of bidirectionally communicating voice and data between said mobile station and said fixed station, said [microprocessor] computer being capable of executing at least one application program;

said application program causing said mobile radio transceiver to establish communication with said fixed station upon the occurrence of a predetermined event, said application program then sending data to said fixed station.

49. (Amended) The cellular telephone data communication system of claim 48 further comprising an interface disposed between said radio transceiver and [said data processor, said] the computer, the interface allowing [said data processor] the computer to control said radio transceiver.

REMARKS

The courtesies extended to the undersigned by Examiner Lele during a personal interview conducted on December 12, 2003 and during a telephone conversation of December 15, 2003 are greatly appreciated. During the personal interview, the Official Action dated December 3, 2003 was discussed. This response and amendment is being submitted to place this second divisional reissue application in condition for allowance.